

10/20/04

Appn. No. 09/744,804  
Amdt. dated October 20, 2004  
Reply to Office Action of July 21, 2004

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1 (Currently amended). [A] An isolated peptide consisting of:

(a) 9 or 10 contiguous amino acid residues that appear in the sequence of human Lactadherin (BA-46) consisting of SEQ ID NO:78, which said isolated peptide promotes effective binding to a MHC class 1 type molecule so as to elicit a CTL response; or

(b) a non-natural modification of (a) to form a modified peptide that promotes effective binding to a MHC class 1 type molecule so as to elicit a CTL response.

Claims 2-15 (Cancelled).

*Allow* 16. Previously presented). An isolated peptide selected from the group consisting of SEQ ID NOS: 35, 36, 37, 38, 39, 40, and 41.

Claims 17-18 (Cancelled).

19 (Currently amended). The isolated peptide of claim 1, wherein said isolated peptide is a peptide (a) from human Lactadherin (BA-46), wherein the amino acid sequence of Lactadherin (BA-46) consists of SEQ ID NO:78.

Claim 20 (Cancelled).

21 (Previously presented). The isolated peptide of claim 1, wherein said peptide includes at least one non-natural modification.

Claim 22 (Cancelled).

23 (Previously presented). The isolated peptide of claim 21, wherein said at least one modification is selected from the group consisting of peptoid modification, cyclic peptide modification, N terminus modification, C terminus modification, peptide bond modification, backbone modification and residue modification.

Claims 24-43 (Cancelled).

44 (Previously presented). The isolated peptide of claim 1, wherein the second residue and the end residue are neutral, hydrophobic and aliphatic.

Claim 45-54 (Cancelled).

55 (Previously presented). The isolated peptide according to claim 16, consisting of SEQ ID NO:38.

*allowed* 56 (Previously presented). The isolated peptide according to claim 16, consisting of SEQ ID NO:39.

57 (Previously presented). The isolated peptide according to claim 16, consisting of SEQ ID NO:41.

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58 (Currently amended). An isolated peptide consisting of 9 or 10 contiguous amino acid residues that appear in the sequence of human Lactadherin (BA-46) consisting of SEQ ID NO:78, which said isolated peptide promotes effective binding to a MHC class 1 type molecule so as to elicit a CTL response.

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**IN THE SEQUENCE LISTING**

Please substitute the attached Sequence Listing section for  
the originally filed Sequence Listing.